ABSTRACT OF THE DISCLOSURE

An exhaust gas re-circulation (EGR) tube includes a dual seal assembly that prevents exhaust gas leakages. The EGR tube has a first end in communication with an exhaust gas source and has a second end extending into an intake manifold enclosed within an intake manifold housing. A tapered sleeve surrounds the EGR tube at the second end. The sleeve has a first end that is directly attached to the EGR tube and a second end that is spaced apart from the EGR tube to define a gap. The sleeve has a tapered body such that the cross-sectional area of the gap increases from the first end to the second end of the sleeve. A first seal is positioned between the sleeve and the intake manifold. Grooves are formed within the exterior surface of the tube to receive the seals.